

01263.001750



D.J. #10 4-11-04
IDS w/Refers

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Jebu Jacob Rajan
Application No.: 09/866,854
Filed: May 30, 2001
For: SPEECH PROCESSING SYSTEM

)
Examiner: M. Lerner
Group Art Unit: 2654
March 30, 2004

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MAR 31 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Technology Center 2600

FIFTH INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, Applicant directs the Examiner's attention to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

Three United Kingdom Search Reports (dated January 29, 2002, February 6, 2002, and August 1, 2002) and two European Search Reports (dated November 27, 2003 and December 23, 2003) from related applications, which cite some of the listed documents, are enclosed for the Examiner's convenient reference.

Applicant would like to note that the article "Bayesian Approach to Parameter Estimation and Interpolation of Time-varying Autoregressive Processes Using the Gibbs Sampler," cited in the EP Search Reports, was previously cited in this application in the Information Disclosure Statement filed on January 22, 2002. A copy of the article was submitted with that Statement.

Applicant also notes that WO 00/45375 is equivalent to GB 2 361 339 A, which was cited in the Information Disclosure Statement filed on August 28, 2002.

FORMAL MATTERS

In accordance with 37 C.F.R. § 1.97(b), since a first Official Action on the merits of the subject application has not yet been issued, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is believed to be required. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned, indicating that such information has been considered.

Applicant's undersigned attorney may be reached in Washington, D.C. by telephone at (202) 530-1010. All correspondence should continue to be directed to the address given below.

Respectfully submitted,



Attorney for Applicant
Melody H. Wu
Registration No. 52,376

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160343 v 1



Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date 03/30/04
Mo. Day Yr.

Atty. Docket 01263.001760
Application No. 09/866,851

Sir:

Kindly acknowledge receipt of the accompanying:

Response to Official Action. _____

Check for \$ _____ (claims fee)

Petition under 37 CFR 1.136 and Check for \$ _____

Notice of Appeal and Check for \$ _____

Information Disclosure Statement, PTO-1449 and thirty-five (35) documents

Claim for priority and certified copies of _____ priority applications

Issue fee transmittal and Check for \$ _____

Other (specify) Three (3) UK Search Reports & two (2) European Search Reports
by placing your receiving date stamp hereon and returning to deliverer.

Atty. M Hulsey

Due Date 4/10/04
Mo. Day Yr.

By Mail

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MAR 31 2004

Technology Center 2000

• FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		ATTY DOCKET NO. 01263.001750		APPLICATION NO. 09/866,854	
M A R 3 0 2 0 0 4 P A T E N T & T R A D E M A R K O F F I C E		APPLICANT JEBU JACOB RAJAN			
Date: March 30, 2004		FILING DATE May 30, 2001		GROUP 2654	
U.S. PATENT DOCUMENTS					
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	4,386,237	05/31/1983	Virupaksha et al.	179	15.55 R
	5,012,518	04/30/1991	Liu et al.	381	42
	5,432,884	07/11/1995	Kapanen et al.	395	2.37
	5,884,269	03/16/1999	Cellier et al.	704	501
	6,134,518	10/17/2000	Cohen et al.	704	201
	6,226,613 B1	05/01/2001	Turin	704	256
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
	WO 92/22891	12/23/1992	PCT		In English
	EP 0 554 083 A2	08/04/1993	Europe	RECEIVED	In English
	EP 0 631 402 A2	12/28/1994	Europe	MAR 3 1 2004	In English
	EP 0 674 306 A2	09/27/1995	Europe	Technology Center 2600	In English
	WO 98/38631	09/03/1998	PCT		In English
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)					
	Couvreur, et al., "Wavelet-based Non-Parametric HMM's: Theory and Applications," Proc. International Conference Acoustics, Speech and Signal Processing, Istanbul, Vol. 1, June 5-9, 2000, pp. 604-607				
	Hopgood, et al., "Bayesian Single Channel Blind Deconvolution Using Parametric Signal and Channel Models," Proc. IEEE Workshop on Applications of Signal Processing to Audio and Acoustics, New Paltz, NY, October 17-20, 1999, pp. 151-154				
	Andrieu, et al., "Bayesian Blind Marginal Separation of Convolutively Mixed Discrete Sources," IEEE Proc., 1998, pp. 43-52				
EXAMINER		DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
	GB 2 332 054 A	06/09/1999	Great Britain		
	GB 2 332 055 A	06/09/1999	Great Britain		
	WO 99/28760	06/10/1999	PCT		
	WO 99/28761	06/10/1999	PCT		
	EP 0 952 589 A2	10/27/1999	Europe		
	WO 99/64887	12/16/1999	PCT		
	WO 00/11650	03/02/2000	PCT		
	EP 0 996 112 A2	04/26/2000	Europe		
	WO 00/38179	06/29/2000	PCT		
	GB 2 345 967 A	07/26/2000	Great Britain		
	EP 1 022 583 A2	07/26/2000	Europe		
	WO 00/45375	08/03/2000	PCT		
	GB 2 349 717 A	11/08/2000	Great Britain		
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)					
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